



IFU

PATENT APPLICATION

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re the Application of

Daishi YOSHIKAWA

Group Art Unit: 1745

Application No.: 10/646,686

Filed: August 25, 2003

Docket No.: 116925

For: ELECTROLYTE MEMBRANES FOR USE IN FUEL CELLS

INFORMATION DISCLOSURE STATEMENT

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Sir:

Pursuant to 37 CFR §1.56, the attention of the Patent and Trademark Office is hereby directed to the reference(s) listed on the attached PTO-1449. Unless otherwise indicated herein, one copy of each reference is attached. It is respectfully requested that the information be expressly considered during the prosecution of this application, and that the reference(s) be made of record therein and appear among the "References Cited" on any patent to issue therefrom.

- ☒ 1. This Information Disclosure Statement is being filed (a) within three months of the U.S. filing date of this non-CPA application, OR (b) before the mailing date of a first Office Action on the merits in the present application. No certification or fee is required.
- ☒ 2. The present application was filed or entered the U.S. National Stage of the PCT after June 30, 2003. In accordance with the June 11, 2003, Notice waiving the requirements of 37 CFR §1.98(a)(2)(i), copies of any U.S. patents and patent application publications are not attached.

- ☒ 3. English-language Abstracts of the non-English language references are attached hereto. See References 5-15 and 21-28.

Respectfully submitted,



James A. Oliff
Registration No. 27,075

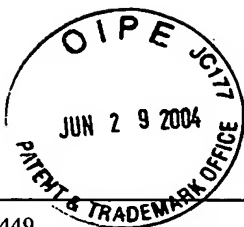
Julie M. Seaman
Registration No. 51,156

JAO:JMS/brc

Date: June 29, 2004

OLIFF & BERRIDGE, PLC
P.O. Box 19928
Alexandria, Virginia 22320
Telephone: (703) 836-6400

DEPOSIT ACCOUNT USE AUTHORIZATION Please grant any extension necessary for entry; Charge any fee due to our Deposit Account No. 15-0461
--

Sheet 1 of 2

Form PTO-1449 (REV. 8-83)		US Dept. of Commerce PATENT & TRADEMARK OFFICE		ATTY DOCKET NO. 116925		APPLICATION NO. 10/646,594	
INFORMATION DISCLOSURE STATEMENT (Use several sheets if necessary)				APPLICANT(S) Daishi YOSHIKAWA			
				FILING DATE August 25, 2003		GROUP 1745	
U.S. PATENT DOCUMENTS							
EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB CLASS	
	1	5,677,074	10/14/1997	Serpico et al.			
	2	5,783,325	07/21/1998	Cabasso et al.			
	3	5,861,222	01/19/1999	Fischer et al.			
	4	6,444,343	09/03/2002	Prakash et al.			
FOREIGN PATENT DOCUMENTS							
		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB CLASS	
	5	EP 1 202 365 A1	05/02/2002	Europe			
	6	JP 11-135137 (w/ Abstract)	05/21/1999	Japan			
	7	JP 07-065624 (w/ Abstract)	03/10/1995	Japan			
	8	JP 64-022932 (w/ Abstract)	01/25/1989	Japan			
	9	JP 03-208260 (w/ Abstract)	09/11/1991	Japan			
	10	JP 03-098632 (w/ Abstract)	04/24/1991	Japan			
	11	JP 09-120827 (w/ Abstract)	05/06/1997	Japan			
	12	JP 2001-106831 (w/ Abstract)	04/17/2001	Japan			
	13	JP 2001-123081 (w/ Abstract)	05/08/2001	Japan			
	14	JP 2001-261967(w/ Abstract)	09/26/2001	Japan			
	15	JP 2001-052721 (w/ Abstract)	02/23/2001	Japan			
OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, etc.)							
	16	Masatake Yamamoto et al., <u>Carbon Molecular Sieve Membrane Formed By Oxidative Carbonization Of A Copolyimide Film Coated On A Porous Support Tube</u> ; <i>Journal of Membrane Science</i> ; vol. 133, 195-205; (1997).					
EXAMINER					DATE CONSIDERED		
Examiner: Initial if citation considered, whether or not citation is in conformance with M.P.E.P. 609; draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.							

Date: June 29, 2004

Form PTO-1449 (REV. 8-83)		US Dept. of Commerce PATENT & TRADEMARK OFFICE		ATTY DOCKET NO. 116925		APPLICATION NO. 10/646,594	
INFORMATION DISCLOSURE STATEMENT (Use several sheets if necessary)				APPLICANT(S) Daishi YOSHIKAWA			
				FILING DATE August 25, 2003		GROUP 1745	

U.S. PATENT DOCUMENTS						
EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB CLASS
	17	6,689,505	02/10/2004	Albers et al.		
	18	2001-0055710	12/27/2001	Saito et al.		
	19	2002-0015876	02/07/2002	Saito et al.		
	20	2003-0031912	02/13/2003	Saito et al.		

FOREIGN PATENT DOCUMENTS						
		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB CLASS
	21	JP 2001-335695 (w/ Abstract)	12/04/2001	Japan		
	22	JP 2000-268828 (w/ Abstract)	09/29/2000	Japan		
	23	JP 2001-126744 (w/ Abstract)	05/11/2001	Japan		
	24	JP 10-334927 (w/ Abstract)	12/18/1998	Japan		
	25	JP 08-222241 (w/ Abstract)	08/30/1996	Japan		
	26	JP 2002-114573 (w/ Abstract)	04/16/2002	Japan		
	27	JP 2001-181519 (w/ Abstract)	07/03/2001	Japan		
	28	JP 2002-198067 (w/ Abstract)	07/12/2002	Japan		

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, etc.)	

EXAMINER	DATE CONSIDERED
Examiner: Initial if citation considered, whether or not citation is in conformance with M.P.E.P. 609; draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.	

Date: June 29, 2004